

Remark

Applicants respectfully request reconsideration of this application as amended. Claim 37 has been amended. No Claims have been cancelled. Therefore, claims 1-38 are present for examination.

Formal Drawings

The originally filed drawings were informal. Replacement formal drawings are submitted herewith.

Response to Arguments

Applicants inadvertently omitted the first page of claim amendments from the previous response. Claims 1-4 are shown above with those amendments entered. An Appendix is attached hereto that shows the amendments with underlining. Applicants apologize for this oversight. If there is any further information that the Examiner desires, then the Examiner is invited to contact the undersigned directly.

35 U.S.C. §112 Rejection

The Examiner has rejected claim 37 under 35 U.S.C. §112. Claim 37 is amended to provide antecedent basis for "the specific frequency band."

35 U.S.C. §103 Rejection

Barrett et al. in view of Randahl et al, and Iwaki et al.

The Examiner has rejected claim 37 under 35 U.S.C. §103 (a) as being unpatentable over Barrett et al., U. S. Patent No. 5,584,033 (“Barrett”), in view of Randahl et al., U.S. Patent No. 6,757,834 (“Randahl”), in further view of Iwaki et al., U.S. Patent No. 6,947,893 (“Iwaki”). Claim 37 has been amended based on Claim 25 which was indicated as allowed. Claim 38 is believed to be allowable as well.

Allowable Subject Matter

Claims 1-36 are allowed. These claims remain in the application.

Conclusion

Applicants respectfully submit that the rejections have been overcome by the amendment and remark, and that the claims as amended are now in condition for allowance. Accordingly, Applicants respectfully request the rejections be withdrawn and the claims as amended be allowed.

Invitation for a Telephone Interview

The Examiner is requested to call the undersigned at (303) 740-1980 if there remains any issue with allowance of the case.

Request for an Extension of Time

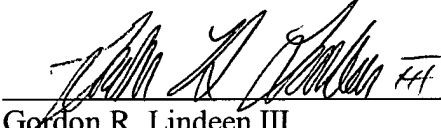
Applicants respectfully petition for a One Month extension of time to respond to the outstanding Office Action pursuant to 37 C.F.R. § 1.136(a). Please charge our Deposit Account No. 02-2666 to cover the necessary fee under 37 C.F.R. § 1.17(a) for such an extension.

Charge our Deposit Account.

Please charge any shortage to our Deposit Account No. 02-2666.

Respectfully submitted,
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: February 22, 2006



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APPENDIX

Following is the first page of claim amendments from the previous response.

1. (Currently Amended) An apparatus, comprising:

an encoder to receive and to encode a data word, wherein a power spectral density of emitted RF energy of an encoded word when transmitted across a data transmission bus is to be lowered across a specific frequency band relative to a power spectral density of the data word, the specific frequency band corresponding to an operating frequency of a wireless receiver;

a data transmission bus coupled with the encoder to receive and transmit the encoded word, wherein a clock frequency of the data transmission bus is selected based on the specific frequency band; and

a decoder coupled with the data transmission bus to receive and to decode the encoded word wherein the data word is to be obtained from the encoded word.

2. (Currently Amended) The apparatus of claim 1, wherein the encoder to cause transitions within the encoded word at a rate equivalent to a bandwidth to be protected, the bandwidth to be protected coinciding with the operating frequency of the wireless receiver.

3. (Currently Amended) The apparatus of claim 1, wherein the encoder is further to substantially balance a weight of the encoded word.

4. (Currently Amended) The apparatus of claim 1, wherein the encoder is further to substantially balance a weight of at least two consecutive encoded words.